

Advances in Early Math Education: Critical Issues in Policy and Practice

Conference | May 3, 2024

Paul Berg Hall, Li Ka Shing Learning and Knowledge Center, 291 Campus Drive, Stanford, CA 94305

MORNING

8:30–9:00 **Registration and Breakfast**

9:00–9:20 **Welcome**

[Philip Fisher](#)

Director, Stanford Center on Early Childhood

[Liz Simons](#)

Chair of the Board, Heising-Simons Foundation

[Deborah Stipek](#)

Director, DREME Network

9:30–10:30 **Supporting Families and Caregivers**

Chair

[Eric Dearing](#), Professor and Executive Director, Mary E. Walsh Center for Thriving Children, Boston College

Panelists

[Kendra Davey](#), Library Services Manager, Community Engagement Office, Pima County Public Library, Tucson, AZ

[Gigliana Melzi](#), Professor of Applied Psychology, Steinhardt School of Culture, Education and Human Development, New York University

[Savitha Moorthy](#), Executive Director, Tandem Partners in Early Learning

[Omo Moses](#), CEO, MathTalk

10:40–11:40 **Broadening and Deepening Math Learning in Classrooms**

Chair

[Susan Levine](#), Rebecca Anne Boylan Professor of Education and Society, Department of Psychology, University of Chicago

Panelists

[Douglas H. Clements](#), Distinguished University Professor, University of Denver; Executive Director, Marsico Institute for Early Learning

[Kelley Durkin](#), Research Assistant Professor, Peabody College, Vanderbilt University

[Herbert Ginsburg](#), Jacob H. Schiff Foundation Professor Emeritus of Psychology and Education, Teachers College, Columbia University

[Julie Peterson](#), Early Learning Instructional Specialist, Beaver Lake Early Learning Center, Maplewood, Minnesota

[Linda Platas](#), Chair and Associate Professor, Child and Adolescent Development Department, San Francisco State University

11:45–12:30 **Exhibits**

[See next page for list of exhibits]

AFTERNOON

12:30–1:30 **Lunch**

1:30–2:30 **Supporting the Professionals Who Prepare and Support Teachers**

Chair

[Megan Franke](#), Professor of Education, UCLA

Panelists

[Dale Farran](#), Emerita Professor, Peabody College, Vanderbilt University

[Colleen Oppenzato](#), Adjunct lecturer, City College of New York, Division of International Studies at the Center for Worker Education

[Angela Turrou](#), Senior Researcher, UCLA Department of Education

[Diana Zaragoza](#), Director of the UC Davis Mathematics Project

2:40–3:40 **Supporting Districts to Improve the Quality and Coherence of Math Instruction P-3**

Chair

[Cynthia Coburn](#), Charles Deering McCormick Professor of Teaching Excellence, Northwestern University

Panelists

[Steve Kellner](#), Director, Program Sustainability and Growth, California Education Partners

[Cresta McIntosh](#), Associate Superintendent, Educational Services, Monterey Peninsula Unified School District

[Abigail Stein](#), Postdoctoral Researcher, Carnegie Mellon University

[Kristin Whyte](#), Visiting Assistant Professor, University of Wisconsin-Madison

3:50–4:45 **Building Early Math into State Policies**

Chair

[Deborah Stipek](#), Emeritus professor, Stanford Graduate School of Education; Director, DREME Network

Panelists

[Ted Lempert](#), President, Children Now

[Stephen Propheter](#), Early Education Division Director, California Department of Education

[Mary Sandy](#), Executive Director, California Commission on Teacher Credentialing

[Matt Weyer](#), Policy Director, Education Commission of the States

4:45–5:00 **Closing**

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Advances in Early Math Education Conference Exhibits

DREME Math Observer: A Practical Tool for Coaching and Supporting High-Quality Math Instruction in the Early Grades
(Find it on the [App Store](#) | [Google Play](#))

Luke Rainey, Kelley Durkin, Dale Farran, and Ilknur Sekmen

[Moving Toward Greater PK-3 Alignment and Continuity: How Districts Change](#)

Susan Bush-Mecenas, Bethany Elston, Abigail Stein, and Cynthia Coburn

[Exploring and Supporting Diversity in Problem-Solving Strategies of Early Learners](#)

Douglas Clements, Crystal Day-Hess, Yixiao Dong, and Julie Sarama

[Opening the Black Box: What Classroom Observations Reveal About Math Practice Across the Early Grades](#)

Dale Farran, Luke Rainey, Kelley Durkin, and Stone Dawson

[Math Moments Matter: Incorporating Math Throughout the Day](#)

Amy Claessens, Susan Levine, Ariadne Nelson, and Allison Monday

[Making More of Math Materials: Creative and Play-Based Center and Small Group Math Activities to Use All Year](#)

Kelley Durkin, Dale Farran, Luke Rainey, and Rachel Kasul

[Double Dipping into Learning: Playful Activities to Support Math and Executive Function Skills](#)

Crystal Day-Hess, Douglas Clements, Christina Mulcahy, and Julie Sarama

[What's EF Got to Do with Math? Plenty!](#)

Michèle Mazzocco, Jasmine Ernst, Crystal Day-Hess, and Yvonne Borgerding

[Aprendiendo Matemáticas Juntos: Learning and Building from Families' Strength](#)

Paola Montúfar, Nydia Prishker, Gigliana Melzi, and Viviana Kawas

[Early Math is More Than Number: The Importance of Spatial Thinking](#)

Susan Levine, Amy Claessens, Ariadne Nelson, and Jalyn Davis

[Storybook Reading and Early Math Learning](#)

Herbert Ginsburg, Colleen Oppenzato, and Gigliana Melzi

[Learning About Individual Children's Thinking](#)

Colleen Oppenzato, Herbert Ginsburg, and Gigliana Melzi

[Supporting Family Support Professionals: Early Math Professional Development Modules](#)

Alisha Wackerle-Hollman and Michèle Mazzocco

Scan this QR code
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about the exhibits:

